



Discrete Crimp-to Wire Contacts

- FCI catalog - search by
- Product type

Part number

Application

Industry standard

Product trade name

Cross reference

Alphabetic list

Application tooling

Custom products

Customer drawing

Product specification

Sample request

Contact FCI

Product showcase

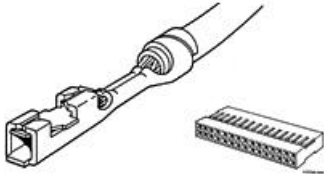
Home

48234-000

FCI basics

QUICK SHIP  
SAMPLES

2.54 mm (0.100 in.) Centerline Crimp-to-Wire Mini-PV™ Receptacle



| Features You Selected                          |                                 |
|--|---------------------------------|
| Region   | Americas                        |
|  | Asia/Pacific                    |
| Product Type                                   | Crimp-to-Wire Contact           |
| Application                                    | Latch Housing                   |
| Contacts Per Housing                           | 10-20                           |
|  | 21-39                           |
|  | 40-50                           |
| Wire Size                                      | 22 to 26 AWG                    |
| Insulation OD Size (Latch Housing Application) | 0.91 mm (0.036 in.) to 1.5 in.) |
| Insulation OD Size (Discrete Contact)          | N/S                             |
| Contact Area Plating                           | 0.76 µm (30 µin.) gold          |
| Packaging Type                                 | Box                             |

| Other Properties            |  |
|-----------------------------|--|
| Spring Force                | High   |
| Contact Material            | Copper alloy   |
| Spring Material             | Copper alloy   |
| Underplate                  | 1.27 $\mu$ m (50 $\mu$ in.) nickel   |
| Spring Thickness            | 0.12 mm (0.005 in.)  |
| Insertion Force             | 4.41 N (450 gf)  |
| Withdrawal Force            | 0.75 N (75 gf)   |
| Insulation Resistance       | 5000 M ohms  |
| Withstanding Voltage        | 1000 V rms   |
| Current Rating              | 3 amps continuous  |
| Contact Resistance          | 15 M ohms max.   |
| Temperature Range           | -65°C to +125°C  |
| Humidity Range              | 10% to 95%   |
| Crimp Height                | 0.81 - 0.86 mm (0.032 - 0.034 in.)   |
| Trademark                   | PV™  |
| Approvals and Certification | UL and CSA approved  |
| Mating Data                 | Mates with most 2.54 mm (0.100 in.) centerline products with 0.64 mm (0.025 in.) or round pins |
| Literature                  | 950500-001   |

Ordering data shown is for our standard product offering. For non-standard or custom products, [cc](#) your authorized FCI representative.

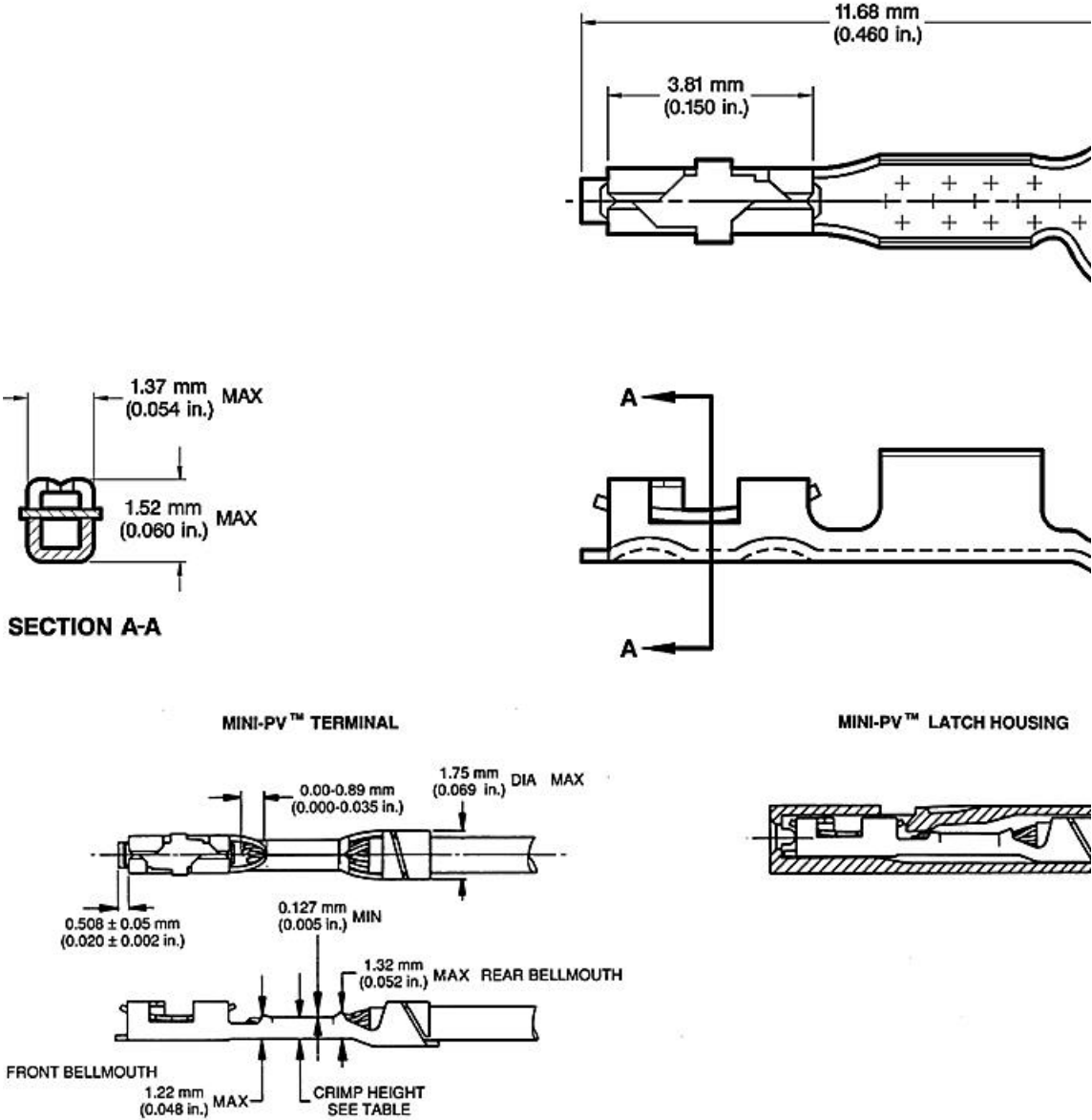


Image Disclaimer: Please use Customer Drawing for design activity; line art and other pictures are general representations of product dimensions.